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21. (Twice amended) Electric motor comprising a stator having a bore in which a rotor is located, and having a motor control arrangement connected to the motor, the control arrangement having at least one coil with a core, the coil being located in an intermediate circuit of the control arrangement and being loaded by d.c. current of the motor, the core of the coil being located on the stator, and the stator being comprised of iron, the iron being used for a magnetic circuit for the coil.

REMARKS

The Examiner's reconsideration of the application is requested in view of the filing of the RCE, as well as amendments above and comments which follow. It is understood from a telephone conference on December 12, 2001 that an after-final amendment such as that above probably would not have been entered, and an RCE was a better choice.

The examiner has newly-cited U.S. Patent number 4,220,883 to Padoan in rejecting independent claim 21, and several of the dependent claims, on the basis of anticipation under 35 U.S.C. § 102. Reconsideration is again requested.

The disclosure of the Padoan reference is a bit lean. However, in considering the reference, there appears to be nothing similar to the claimed coil in the present application where the coil is located in an intermediate circuit of the control arrangement and is loaded by d.c. current. Accordingly, claim 21 has been amended to specifically claim that arrangement. None of the prior art references teach a d.c. coil of a motor controller which is located in the stator of an a.c. motor. Hence, it is submitted that claim 21, as amended, distinguishes from and is allowable over the cited prior art.

The remaining claims depend from claim 21. While the indicated allowability of claims 24 - 25 and 39 - 40 is gratefully acknowledged, with the above amendments to claim 21, it is submitted